## Amendments to the Claims

The following Listing of Claims replaces all prior versions and listings of claims in this application:

## Listing of Claims:

1 (Currently amended). A process, which comprises contacting a carbazolone of formula (2),

formaldehyde or a formaldehyde precursor, and an amine of formula (3) or a salt thereof

$$HN$$
 (3)

wherein R<sup>1</sup> and R<sup>2</sup> each independently represent a C<sub>1</sub> to C<sub>4</sub> alkyl group or together with the nitrogen atom they form a 5- or 6-membered ring, in a non-aqueous polar solvent and in the presence of a water binding agent to form a reaction mixture; [[and]] reacting said carbazolone of formula (2) in said reaction mixture to form an intermediate-carbazolone reaction mixture; and

reacting in said intermediate-carbazolone reaction mixture an imidazole of formula (5)

## or a salt thereof to form a compound of formula (1)

$$\begin{array}{c}
O \\
N \\
N \\
CH_3
\end{array}$$
(1)

- 2 (Original). The process according to claim 1, wherein said formaldehyde precursor is paraformaldehyde.
- 3 (Original). The process according to claim 1, wherein said amine of formula (3) is selected from the group consisting of dimethylamine, diethylamine, piperidine, morpholine and the hydrochloride salts thereof.
- 4 (Original). The process according to claim 3, wherein said amine of formula (3) is dimethylamine hydrochloride.
- 5 (Original). The process according to claim 1, which further comprises providing an organic acid in said reaction mixture.
- 6 (Original). The process according to claim 5, wherein said organic acid is acetic acid.

- 7 (Original). The process according to claim 1, wherein said non-aqueous polar solvent is an amide, a ketone, an ester, an acid or a mixture thereof
- 8 (Original). The process according to claim 7, wherein said solvent is dimethylformamide.
- 9 (Original). The process according to claim 1, wherein said water binding agent is an organic or inorganic acid.
- 10 (Original). The process according to claim 9, wherein said water binding agent chemically bonds with water.
- 11 (Original). The process according to claim 1, wherein said water binding agent is acetic anhydride, methane sulfonic acid or phosphorus pentoxide anhydrate.
- 12 (Original). The process according to claim 11, wherein said water binding agent is acetic anhydride.
- 13 (Original). The process according to claim 1, wherein not more than 10% of said carbazolone of formula (2) remains after two hours of reacting.
- 14 (Original). The process according to claim 12, wherein not more than 10% of said carbazolone of formula (2) remains after one hour of reacting.
- 15 (Currently amended). The process according to claim 1, wherein said <u>carbazolone</u> reacting step is carried out at a temperature within the range of 50°C to 150°C.
- 16 (Canceled).

- 17 (Currently amended). The process according to claim 1, [[16,]] wherein said imidazole compound of formula (5) is the hydrochloride salt thereof.
- 18 (Currently amended). The process according to claim 1, [[16,]] wherein said imidazole compound is provided in said reaction mixture substantially simultaneously with the formation of said reaction mixture.
- 19 (Currently amended). The process according to claim <u>1.</u> [[16,]] wherein said imidazole compound is contacted with said intermediate-carbazolone reaction mixture 0.5 to 2 hours after said reacting of said carbazolone of formula (2) begins.
- 20 (Original). The process according to claim 19, wherein said imidazole compound is contacted with said intermediate-carbazolone reaction mixture after said reacting of said carbazolone of formula (2) is substantially complete.
- 21 (Original). The process according to claim 20, wherein said imidazole compound is contacted with said intermediate-carbazolone reaction mixture 0.5 to 1.5 hours after said reacting of said carbazolone of formula (2) begins.
- 22 (Currently amended). The process according to claim 1, [[16,]] wherein said reaction of said imidazole compound of formula (5) is substantially complete within 8 hours from when it begins.
- 23 (Original). The process according to claim 22, wherein said reaction of said imidazole compound of formula (5) is substantially complete within 5 hours from when it begins.
- 24 (Currently amended). The process according to claim 1, [[16,]] wherein said reaction of said imidazole compound of formula (5) is carried out

- substantially simultaneously with said reaction of said carbazolone of formula (2).
- 25 (Currently amended). The process according to claim 1, [[16,]] wherein said reaction of said imidazole compound of formula (5) is carried out after said reaction of said carbazolone of formula (2) is substantially complete.
- 26 (Currently amended). The process according to claim 1. [[16,]] wherein the total reaction time of said reaction of said carbazolone of formula (2) and said reaction of said imidazole of formula (5) is not more than 8 hours.
- 27 (Original). The process according to claim 26, wherein said total reaction time is not more than 7 hours.
- 28 (Original). The process according to claim 27, wherein said total reaction time is not more than 6 hours.
- 29 (Currently amended). The process according to claim 1. [[16,]] wherein said reaction of said imidazole compound of formula (5) is carried out at one or more temperatures in the range of 90°C to 120°C.
- 30 (Currently amended). The process according to claim 1 [[16,]] which further comprises converting said compound of formula (1) to a pharmaceutically acceptable salt thereof.
- 31 (Original). A process for making ondansctron, which comprises the following steps:
  - (a) combining in a non-aqueous polar solvent a carbazolone of formula (2);

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paraformaldehyde; an amine of formula (3) or a salt thereof;

$$R^1$$
 $HN$ 
 $R^2$ 
 $(3)$ 

wherein R<sup>1</sup> and R<sup>2</sup> each independently represent a C<sub>1</sub> to C<sub>4</sub> alkyl group or together with the nitrogen atom they form a 5- or 6-membered ring; a water binding agent; and an organic acid to form a reaction mixture;

- reacting said reaction mixture at a temperature from 50°C (b) to 150°C until at least 50% of said carbazolone is converted to a reaction product; and
- subsequently reacting an imidazole of formula (5) in said (c) reaction product-containing reaction mixture

or a salt thereof, to form ondansetron.

- 32 (Original). The process according to claim 31, wherein said reacting step (b) is carried out for not more than 1 hour and said reacting step (c) is carried out for not more than 5 hours.
- 33 (Original). The process according to claim 32, wherein said non-aqueous polar solvent is dimethylformamide, said water binding agent is acetic anhydride, and said organic acid is acetic acid.